Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 18 Jul 2022 until 23:59 on Tuesday 19 Jul 2022

Forecast Issued on Monday 18 Jul 2022 at 03:08

Confidence: High for extreme heat through Monday and Tuesday. Low confidence for the details of any heavy showers and thunderstorms during the breakdown of the heatwave later Tuesday and into Wednesday.

Headline for Monday 18 Jul 2022: Dry with prolonged strong sunshine and very high temperatures.

Mountain weather hazards on Monday 18 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
<05%	00%	00%	<05%	<05%	<05%

Forecast for Monday 18 Jul 2022

Weather: A very warm start to the day with bright spells allowing temperatures to rise rapidly through the morning. Plenty of strong sunshine during the afternoon, with temperatures that may cause difficulties for some. Higher-based cloud will make the sunshine hazier on occasion.

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: Generally excellent visibilities with cloud bases well above the level of summits throughout, though perhaps a little hazy at times.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 18 Jul 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 SW	12/15 SW	11/15 SW	11/15 SW	5/8 SE	8/10 SE	13/18 S
300	4/9 S	7/9 SW	8/11 SW	9/13 SW	6/10 W	6/9 SE	8/13 S
Valley	2/13 SW	3/6 SW	3/8 SW	6/11 SW	6/12 E	7/12 E	6/13 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/15	21/18	26/23	30/27	29/30	27/26	27/24
300	20/20	23/22	28/27	32/31	32/31	29/28	28/27
Valley	19/19	24/23	29/29	34/33	31/31	27/27	26/25
Freezing Level*	3800m	4000m	3900m	4000m	4000m	3900m	3900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extreme heat may make walking difficult for some with temperatures remaining very warm even at height. Ensure to stay hydrated and drink plenty of fluids while also wearing appropriate protection from high levels of UV.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 18 Jul 2022	0mm	0mm	0mm

Forecast for Tuesday 19 Jul 2022

Weather: A very warm and uncomfortable night leads into another mostly dry and sunny day. Feeling very hot in the long sunny spells with extreme temperatures that may again cause difficulties for some. Cloud building into the afternoon bringing a risk of isolated showers through late afternoon into the evening, these could perhaps give the odd rumble of thunder and the risk of some strong gusty winds.

Maximum wind: variable 20mph with gusts 30mph in association with any afternoon/evening showers.

Chance of cloud-free hill tops above 600m: 95%

Low cloud and visibility: Mostly excellent visibility with cloud above the summits. The chance of a temporary reduction in any isolated late afternoon/evening shower.

Temperature: **Valleys:** Plus 24 becoming 38 Celsius.
At 600m: Plus 26 Celsius.
Freezing level: Well above summits.

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